



ASSOCIATED PUBLIC-SAFETY COMMUNICATIONS OFFICERS, INC.

Minnesota Chapter

May 10, 1988

Minnesota Veterinary Medical Association
c/o Executive Director
379 University Avenue E.
St. Paul, MN 55103

Re: 800 Mhz Radio Planning Meeting

Attached is some information which may be of interest to the members of your association. Under FCC rules, veterinarians are eligible for radio station licensing in the service discussed in the attached announcement. The Minnesota Chapter of APCO would greatly appreciate it if you could make your members aware of this information (in original or excerpted form) at the earliest possible date.

Should you have any questions please call me at (612) 348-7210 or Harry Hillegas at the number shown on the Public Notice.

Sincerely,

J. Jeffrey Nelson
Recording Secretary
800 Mhz Planning Committee
Region 22 - Minnesota



ASSOCIATED PUBLIC-SAFETY COMMUNICATIONS OFFICERS, INC.

Minnesota Chapter

May 10, 1988

Mr. Francis B. Francois
Executive Director, AASHTO
Suite 225 - 444 Capitol Street NW
Washington, DC 20001

Re: 800 Mhz Radio Planning Meeting

Dear Mr. Francois:

Attached is some information which may be of interest to you and AASHTO membership in the State of Minnesota. The Minnesota Chapter of APCO would greatly appreciate it if you could make affected members aware of this information (in original or excerpted form) at the earliest possible date.

Should you have any questions please call me at (612) 348-7210 or Harry Hillegas at the number shown on the Public Notice.

Sincerely,

J. Jeffrey Nelson
Recording Secretary
800 Mhz Planning Committee
Region 22 - Minnesota



ASSOCIATED
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Minnesota Chapter



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COMMUNICATIONS
OFFICERS, INC.

Minnesota Chapter

May 10, 1988

Minnesota Police Chief's Association
c/o Darrell Plath, Secretary
Hastings Police Dept.
107 W. 5th Street
Hastings, MN 55033

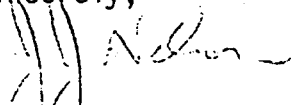
Re: 800 Mhz Planning Meeting

Dear Chief Plath:

Attached is some information which may be of interest to the members of your association. The Minnesota Chapter of APCO would greatly appreciate it if you could make your members aware of this information (in original or excerpted form) at the earliest possible date.

Should you have any questions please call me at (612) 348-7210 or Harry Hillegas at the number shown on the Public Notice.

Sincerely,


J. Jeffrey Nelson
Recording Secretary
800 Mhz Planning Committee
Region 22 - Minnesota



ASSOCIATED
PUBLIC-SAFETY
COMMUNICATIONS
OFFICERS, INC.

Minnesota Chapter

May 10, 1988

Minnesota Department of Health
Emergency Medical Services Newsletter
EMS Section Attn: Diane Kline
717 Delaware Street SE
Minneapolis MN 55440

Dear Ms. Kline:

Attached is some information which may be of interest to the readers of your newsletter. The Minnesota Chapter of APCO would greatly appreciate it if you could publish this information in original or excerpted form prior to the date of the public meeting in July.

Should you have any questions please call me at (612) 348-7210 or Harry Hillegas at the number shown on the Public Notice.

Sincerely,

J. Jeffrey Nelson
Recording Secretary
800 Mhz Planning Committee
Region 22 - Minnesota

EMERGENCY COMMUNICATIONS CENTER
ROOM 300 CITY HALL
MINNEAPOLIS, MN 55415-1382

(612) 348-7210
ORI/MNO2711C2

PAUL D. LINNIE
DIRECTOR

April 17, 1988

minneapolis

city of lakes

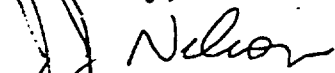
Mr. Robert Buttgen
APCO National Office
P O Box 669
New Smyrna Beach, FL 32070

Dear Bob,

Enclosed please find a Public Notice announcing the initial meeting of Minnesota's 800 Mhz Planning Committee.

If possible, I would like to get mention of the meeting notice inserted in the Bulletin. Thanks.

Sincerely,



J. Jeffrey Nelson
Assistant Director
Emergency Communications Center

Ad Hoc Recording Secretary
MN APCO 800 Mhz Planning Committee

enclosure

EMERGENCY COMMUNICATIONS CENTER
ROOM 311 CITY HALL
MINNEAPOLIS, MN 55415-1382

(612) 348-7210
OR/MNO2711C2

PAUL D. LINNEE
DIRECTOR

minneapolis

city of lakes

April 17, 1988

Mr. Frank Evans
Federal Communications Commission
Field Operations Bureau
St. Paul District Office
691 Federal Building
316 N. Robert Street
St. Paul, MN 55101

Dear Mr. Evans:

Enclosed please find a Public Notice announcing the initial meeting of Minnesota's 800 Mhz Public Safety & Special Emergency Planning Committee.

If possible, we would appreciate any assistance your office can provide in disseminating notice of this important meeting.

Sincerely,


J. Jeffrey Nelson
Assistant Director
Emergency Communications Center

Ad Hoc Recording Secretary
MN APCO 800 Mhz Planning Committee

enclosure

ALTERNATIVE ACTION EMPLOYER

A-16

TTY/VOICE (612) 348-7210

EMERGENCY COMMUNICATIONS CENTER
ROOM 316 - CITY HALL
MINNEAPOLIS, MN 55415-1322

(612) 348-7210
OR/MNO2711C2

PAUL D. LINNEE
DIRECTOR

minneapolis

city of lakes

April 17, 1988

Mr. Paul Linnee
Emergency Communications Center
316 - City Hall
Minneapolis, MN 55415


Re: APCO/MN Newsletter

Dear Paul,

Enclosed please find a Public Notice announcing the initial meeting of Minnesota's 800 Mhz Public Safety & Special Emergency Planning Committee.

On behalf of the this committee, we would like to get notice of this meeting published in the APCO/MN newsletter. Thank you.

Sincerely,



J. Jeffrey Nelson
Assistant Director
Emergency Communications Center

Ad Hoc Recording Secretary
MN APCO 800 Mhz Planning Committee

enclosure

ERIVATIVE ACTION EMPLOYER

TTY/VOICE (612) 348-2157

A-17



ASSOCIATED
PUBLIC-SAFETY
COMMUNICATIONS
OFFICERS, INC.

Minnesota Chapter

May 10, 1988

Minnesota Association of Counties
Attn: Newsletter Editor
555 Park Street - Suite 300
St. Paul, MN 55103

Re: 800 Mhz Radio Planning Meeting

Dear Editor:

Attached is some information which may be of interest to the members of your association. The Minnesota Chapter of APCO would greatly appreciate it if you could make your members aware of this information (in original or excerpted form) at the earliest possible date.

Should you have any questions please call me at (612) 348-7210 or Harry Hillegas at the number shown on the Public Notice.

Sincerely,

J. Jeffrey Nelson
Recording Secretary
800 Mhz Planning Committee
Region 22 - Minnesota



ASSOCIATED
PUBLIC-SAFETY
COMMUNICATIONS
OFFICERS, INC.

Minnesota Chapter

May 10, 1988

Minnesota League of Cities
Attn: Newsletter Editor
183 University Ave. East
St. Paul, MN 55101

Re: 800 Mhz Radio Planning Meeting

Dear Editor:

Attached is some information which may be of interest to the members of the League. The Minnesota Chapter of APCO would greatly appreciate it if you could make your members aware of this information (in original or excerpted form) at the earliest possible date.

Should you have any questions please call me at (612) 348-7210 or Harry Hillegas at the number shown on the Public Notice.

Sincerely,

J. Jeffrey Nelson
Recording Secretary
800 Mhz Planning Committee
Region 22 - Minnesota



ASSOCIATED PUBLIC-SAFETY COMMUNICATIONS OFFICERS, INC.

Minnesota Chapter

May 10, 1988

Minnesota Medical Association
Minnesota Medicine
Attn: Merideth McNab
2221 University Ave. SE Suite 400
Minneapolis MN 55414

Dear Ms. McNab:

Attached is some information which may be of interest to the readers of your newsletter. The Minnesota Chapter of APCO would greatly appreciate it if you could publish this information in original or excerpted form prior to the date of the public meeting in July.

Should you have any questions please call me at (612) 348-7210 or Harry Hillegas at the number shown on the Public Notice.

Sincerely,

J. Jeffrey Nelson
Recording Secretary
800 Mhz Planning Committee
Region 22 - Minnesota



ASSOCIATED PUBLIC-SAFETY

Minnesota Chapter

Pemberton leaves L.A. Cellular; Frantom named interim president

By Craig Kacskos

LOS ANGELES—Brian Pemberton has resigned as president of the Los Angeles Cellular Telephone Co., the country's largest nonwireline system.

Pemberton left L.A. Cellular, effective May 12, to join Monroe Systems for Business, a Morris Plains, N.J.-based office equipment manufacturer.

Howard Frantom, the company's vice president of operations, has been named interim president.

Frantom said he is not a candidate for the top spot of the cellular phone company, which turned on its \$43 million switch in March 1987.

Pemberton oversaw the launch of L.A. Cellular's system during his two-year tenure at the company.

L.A. Cellular was formed in 1983 by a partnership of Lin Broadcasting Corp. and American Cellular Communications Corp., a joint venture between Mobile Communications Corp. of America and BellSouth, and was a reseller in the nation's top-ranked market until turning on its digital switch.

The 60-percent ACC stake in the Block A system will belong to Bell.

Minnesota meeting set for public safety planning

MINNEAPOLIS—The regional planning committee for public safety and

South pending approval of the company's acquisition of MCCA (RCR, March 14, 1988, p. 13).

Pemberton will be president and chief operating officer of Monroe Systems and said the move to Monroe includes an equity stake in the 75-year old year firm which employs 2,500 people and posted revenues of approximately \$175 million last year.

Frantom, who joined L.A. Cellular in January, has 30 years engineering and operations experience with Pacific Bell and AT&T.

"We have the utmost confidence in Howard Frantom and the rest of the L.A. Cellular management team. Our main goal during this period will be to continue developing our subscriber base, maximize customer satisfaction, and enhance support for our agents and resellers," said Carroll McHenry, president of ACC.

Frantom said until a new president is named he will oversee L.A. Cellular's daily operations and the com-

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ASSOCIATED PUBLIC-SAFETY COMMUNICATIONS OFFICERS, INC.

Minnesota Chapter

June 3, 1989

Mr. Thomas Motherway
Dept. of Public Safety
Division of Emergency Services
B-5 - State Capitol Building
St. Paul, MN 55155

Dear Mr. Motherway:

This letter is to invite you or a member of your staff to attend the next meeting of the Region 22 (Minnesota) 800 MHz Planning Committee. The location of the meeting is:

Anoka County Activity Center
550 Bunker Lake Blvd., N.W.
Andover, MN
Weds., July 12, 1989
1:00 pm

The Federal Communications Commission (FCC) has empowered the Region 22 Planning Committee to develop a communications plan which will determine how certain 800 Mhz radio channels are utilized within the State of Minnesota. As you know, there are present shortages within current radio spectrum for government use. Other states facing similar

Meeting Summary
800 Mhz Planning Committee
Region 22 - Minnesota
July 13, 1988 - 1:30 pm
Anoka County Activity Center

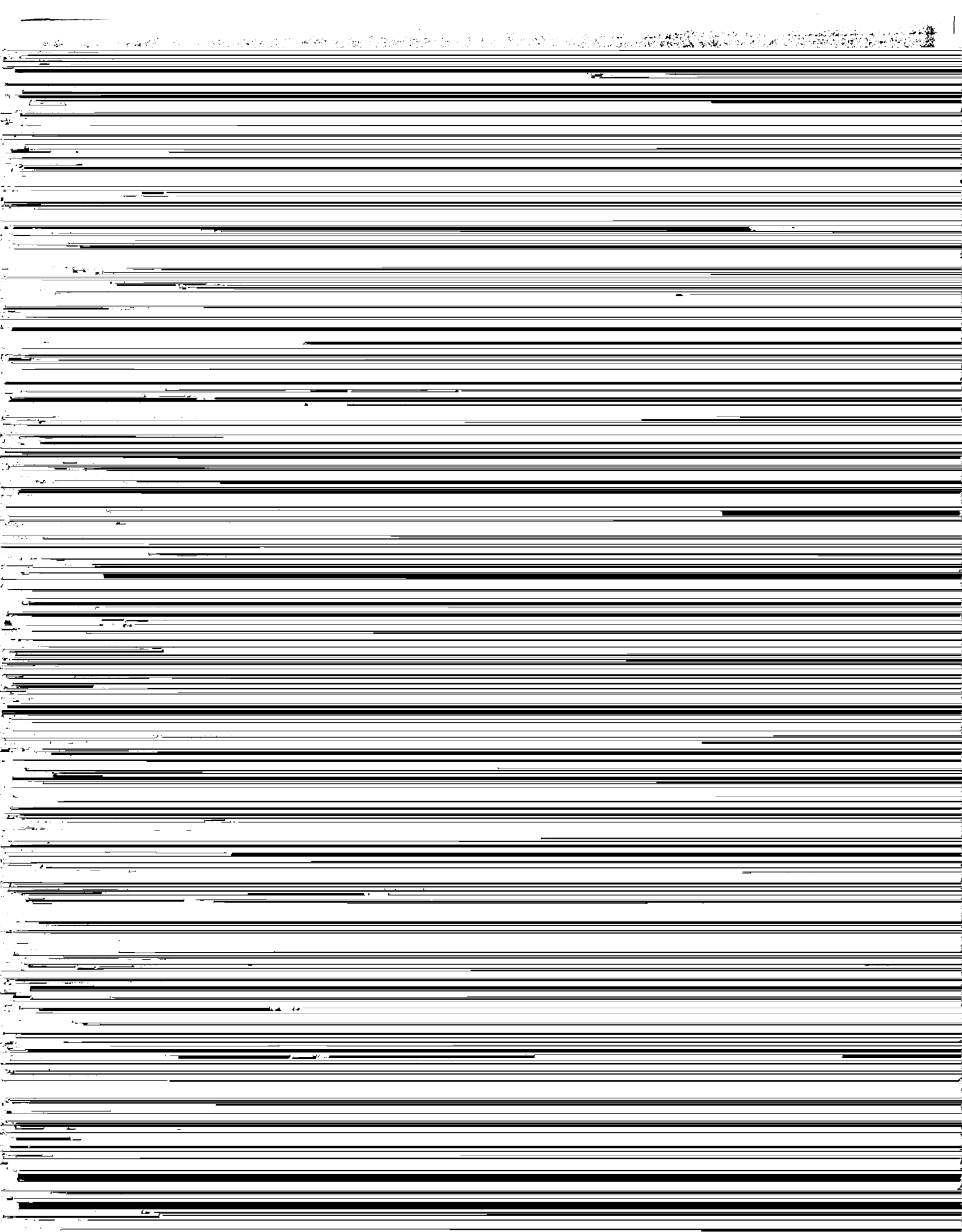
The first formal meeting of the Minnesota (Region 22) 800 Mhz Planning meeting occurred on this date. 21 people attended; their names and other identifying information is contained on the attachment titled "Attendee Information" (Not shown on that list is Don Vodegal, Hennepin County Sheriff's Office, who was also present.

Convenor Harry Hillegas called the meeting to order at approximately 1:45 pm. Hillegas introduced himself and provided a brief overview of the FCC action which allocated 6 Mhz of 800 Mhz spectrum for "public safety" and "special emergency use". He explained the process used by the FCC whereby APCO (Associated Public Safety Communications Officers, Inc.) was identified as the group responsible for starting the planning process for utilization of the spectrum within the regions. Hillegas explained that this was the organizational meeting and that the FCC had placed a 5 year deadline on the planning process with the frequencies unavailable for release until a plan was in place within each region and which called for the frequencies to be turned back if a plan wasn't in place within five years on a region by region basis.

Hillegas introduced the ad hoc committee members present: Bruns, Saunders, Nelson, himself, Vodegal, and Kent. (Ad Hoc committee member Dick Richardson was absent) He explained the purpose of a questionnaire being circulated to those present was to gather census information on the persons attending and indicated that additional planning committee membership was open and encouraged those with an interest in active participation to indicate this on the form.

Hillegas entertained questions at this point and recognized Francis Bauer. Bauer represented the fire service and expressed the view that fire service representation was most important on the 800 Mhz planning group. He indicated the fire service's need for, and interest in, adequate frequency spectrum to accomplish their mission and commented on the historical problems they had in getting their needs addressed. Saunders explained some of the steps that had been taken in planning for this meeting and highlighted the process used to notify all interested parties of the meeting. Bauer affirmed that the ~~Minnepota Fire Chiefs Association~~ received adequate notice of the session. His

was asked to summarize the attendance questionnaires (results attached). It was
[redacted] that these attendees introduced themselves. [redacted] "Hill" [redacted] that they



ATTENDANCE ROSTER
800 MHz PLANNING COMMITTEE MEETINGS
REGION 22 (MINNESOTA)

LAST NAME	FIRST	AFFILIATION	ADDRESS	CITY	ST	ZIP	PHONE
Anderson	David	SHERBURNE COUNTY	13880 Highway 10	Blk River	MN	55330	(612) 441-2522
Bahneman	Steven	ST. CROIX COUNTY	911 Fourth St.	Hudson	WI	54016	(612) 386-4747
Bauer	Francis	CITY OF PLYMOUTH	11010 Co. Rd. 15	Plymouth	MN	55441	(612) 545-6690
Beutelspacher	Jim	STATE OF MINNESOTA	658 Cedar St	St. Paul	MN	55155	(612) 296-7104
Brantner	Bruce	ST. CROIX COUNTY	911 Fourth St.	Hudson	WI	54016	(715) 386-4747
Bruns	Henry	STATE OF MINNESOTA	3926 Glenview Ave	Arden Hills	MN	55112	(612) 633-6613
Carlberg	Darrell	HEALTH ONE TRANSPORTATION	167 Grand Ave.	St. Paul	MN	55102	(612) 228-8410
Catlisch	Neal	NORTH AMERICAN TELCOM	Box 938	Mankato	MN	56001	(800) 247-0433
Contreras	Freddie	STATE OF MINNESOTA	717 Delaware Street N.E.	Minneapolis	MN	55440	(612) 623-5486
Dristie	Jim	CITY OF BROOKLYN PARK	5800 85th Avenue No.	Brooklyn Park	MN	55443	(612) 424-8000
Gargaro	Sam	STATE OF MINNESOTA	Kelly Annex Suite 900	St. Paul	MN	55155	(612) 296-7402
Gerdes	Craig	CITY OF BLOOMINGTON	2215 West Old Shakopee R	Bloomington	MN	55431	(612) 881-2333
Hagen	John	ELERT & ASSOCIATES	140 Third Street South	Stillwater	MN	55082	(612) 430-2772
Halvorson	Roberta	HENNEPIN COUNTY	320 Washington Ave. Sout	Hopkins	MN	55343	(612) 930-2691
Hannon	Thomas	CITY OF ST. CLOUD	102 N. 7th Avenue	St. Cloud	MN	56303	(612) 251-3627
Hanson	Norm	STATE OF MINNESOTA	393 North Dunlap St.	Minneapolis	MN	55164	(612) 643-2164

ATTENDANCE ROSTER
800 MHz PLANNING COMMITTEE MEETINGS
REGION 22 (MINNESOTA)

LAST NAME	FIRST	AFFILIATION	ADDRESS	CITY	ST	ZIP	PHONE
Stevenson	Corky	HENNEPIN COUNTY	320 Washington Ave. Sout	Hopkins	MN	55343	(612) 930-2693
Sullivan	Judy	STATE OF MINNESOTA	B-5 State Capitol	St. Paul	MN	55155	(612) 296-2233
Swanson	Craig	CITY OF EDINA	4801 West 50th St.	Edina	MN	55424	(612) 927-8861
T'Kach	Steven	ST. CROIX COUNTY	911 Fourth Street	Hudson	WI	54016	(715) 386-2345
Vaccaro	Paul	BRICKSON-GE COMMUNICATIONS	7241 Ohms Lane	Edina	MN	55439	(612) 831-2220
Vodegel	Donald	HENNEPIN COUNTY	9300 Naper St.	Golden Valley	MN	55427	(612) 525-6206
Walsh	Jack	CITY OF MINNEAPOLIS	313 South 3rd Street	Minneapolis	MN	55415	(612) 673-2440
Waltz	David	ST. PAUL-RANSBY MEDICAL CTR	640 Jackson Street	St. Paul	MN	55101	(612) 221-3034
Witschen	Dick	SHERBURNE COUNTY	13880 Highway 10	Blk River	MN	55330	(612) 441-2500
Wojack	Bruce	ANOKA COUNTY	325 East Main St	Anoka	MN	55303	(612) 421-4760

EXHIBIT "C"

POPULATION DISTRIBUTION REGION 22

COUNTY	COUNTY SEAT	AREA (Sq.Mi.)	LAND (%)	CENSUS 1980	CENSUS 1990	CHANGE (%)	(Est) 2000
AITKIN	AITKIN	1834	94.87	13404	12425	-7.0	14578
ANOKA	ANOKA	430	85.25	195998	243641	24.0	281110 *
BECKER	DETROIT LAKES	1312	87.61	29336	27881	-5.0	37329
BELTRAMI	BEMIDJI	2507	75.07	30982	34384	11.0	39550
BENTON	POLEY	408	99.05	25187	30185	20.0	32900
BIG STONE	ORTONVILLE	497	89.56	7716	6285	19.0	7022
BLUE EARTH	HANOKATO	749	97.20	52314	54044	3.0	54414
BROWN	NEW ULM	610	98.79	28645	26984	-6.0	28568
CARLTON	CARLTON	864	98.27	29936	29259	-2.0	33488
CARVER	CHASKA	351	90.40	37046	47915	29.0	62220 *
CASS	WALKER	2033	77.61	21050	21791	4.0	27130
CHIPPEWA	MONTEVIDEO	584	99.48	14941	13228	-11.0	14976
CHISAGO	CENTER CITY	417	93.01	25717	30521	19.0	44657
CLAY	MOORHEAD	1049	98.95	49327	50422	2.0	50688
CLEARWATER	BAGLEY	999	95.03	8761	8309	-5.0	10073
COOK	GRAND MARAIS	1412	89.09	4092	3868	-10.0	4599
COTTONWOOD	WINDOM	640	98.44	14854	12694	-15.0	14123
CROW WING	BRAINEED	1008	83.96	41722	44249	6.0	53181
DAKOTA	HASTINGS	574	95.98	194279	275227	42.0	337630 *
DODGE	HANTORVILLE	439	99.99	14773	15731	6.0	19122
DOUGLAS	ALEXANDRIA	643	84.33	27839	28674	3.0	37461
PARIBAUT	BLUE EARTH	714	98.69	19714	16937	-14.0	17770
FILLMORE	PRESTON	862	99.98	21930	20777	-5.0	22046
FREEBORN	ALBERT LEA	705	97.09	36329	33060	-9.0	36278
GOODHUE	RED WING	763	95.72	38749	40690	5.0	45339
GRANT	BLISS LAKE	547	93.01	7171	6246	-13.0	6936
HENNEPIN	MINNEAPOLIS	541	85.11	941411	1032431	10.0	1108110 *
HOUSTON	CALEDONIA	564	96.45	18382	18497	1.0	20087
HUBBARD	PARK RAPIDS	936	90.37	14098	14939	6.0	19004
ISANTI	CAMBRIDGE	440	95.22	23600	25921	10.0	39943
ITASCA	GRAND RAPIDS	2661	91.02	43069	40863	-5.0	52987
JACKSON	JACKSON	699	96.58	13690	11677	-15.0	12413
KANABEC	MORA	527	98.14	12161	12802	5.0	17153
KANDIYOHI	WILMAR	784	89.01	36763	38761	5.0	45787
KITTSON	HALLOCK	1104	99.34	6672	5767	-14.0	5970
KOOCHICING	INTERNATIONAL FALLS	3108	99.52	17571	16299	-7.0	18531
LAC QUI PARLE	MADISON	772	97.03	10592	8924	-16.0	10115
LAKE	TWO HARBORS	2053	61.38	13043	10415	-20.0	11379
LAKE OF THE WOODS	BAUDETTE	1296	61.66	3764	4076	8.0	3698
LE SUEUR	LE CENTER	446	92.08	23434	23239	-1.0	26835
LINCOLN	IVANHOE	538	96.77	8207	6890	-16.0	7875
LYON	MARSHALL	714	98.45	25207	24789	-2.0	26759
MCLROD	GLENCOE	489	96.10	29657	32030	8.0	32768
MAHONOME	MAHONOME	559	93.14	5535	5044	-9.0	4938
MARSHALL	WARREN	1760	95.57	13027	10993	-16.0	12955

EXHIBIT "C"

POPULATION DISTRIBUTION
REGION 22

COUNTY	COUNTY SEAT	AREA (Sq.Mi.)	LAND (%)	CENSUS 1980	CENSUS 1990	CHANGE (%)	(Est) 2000
MARTIN	FAIRMONT	706	96.60	24687	22914	-7.0	25650
NEBEKE	LITCHFIELD	624	91.42	20594	20846	1.0	23730
MILLE LACS	MILACA	578	62.33	18430	18670	1.0	22517
MORRISON	LITTLE FALLS	1124	97.42	29311	29604	1.0	32576
MOWER	AUSTIN	711	99.97	40390	37385	-7.0	39232
MURRAY	SLAYTON	702	96.80	11507	9660	-16.0	10033
NICOLLET	ST. PETER	440	95.08	26929	28076	4.0	30139
NOBLES	WORTHINGTON	714	98.84	21840	20098	-8.0	21069
NORMAN	ADA	877	99.75	9379	7975	-15.0	8275
OLMSTED	ROCHESTER	655	99.71	92006	106470	16.0	106947
OTTER TAIL	FERGUS FALLS	1973	85.51	51937	50714	-2.0	61761
PENNINGTON	THIEF RIVER FALLS	618	99.57	15258	13306	-13.0	16126
PINE	PINE CITY	1421	98.55	19871	21264	7.0	25127
PIPESTONE	PIPESTONE	466	99.93	11690	10491	-10.0	10297
POLK	CROOKSTON	1982	98.75	34844	32498	-7.0	35234
POPE	GLENWOOD	668	88.69	11657	10745	-8.0	12476
RAMSEY	ST. PAUL	154	88.76	459784	485765	6.0	503010 *
RED LAKE	RED LAKE FALLS	433	99.52	5471	4525	-17.0	5315
REDWOOD	REDWOOD FALLS	882	99.74	19341	17254	-11.0	18406
RENVILLE	OLIVIA	984	99.39	20401	17673	-13.0	19232
RICE	PARIBAUT	501	96.11	46087	49183	7.0	52370
ROCK	LIVERNE	483	99.99	10703	9806	-8.0	10705
ROSEAU	ROSEAU	1677	97.95	12574	15026	20.0	13759
ST. LOUIS	DULUTH	6125	88.88	222229	198213	-11.0	210272
SCOTT	SHAKOPEE	357	92.73	43784	57846	32.0	76910 *
SHERBURNE	ELK RIVER	435	95.41	29908	41945	40.0	60759
SIBLEY	GAYLORD	593	97.03	15448	14366	-7.0	15123
STEARNS	ST. CLOUD	1338	95.56	108161	118791	10.0	127858
STEELE	OWATONNA	431	99.24	30328	30729	1.0	34908
STEVENS	MORRIS	560	96.11	11322	10634	-6.0	11263
SWIFT	BENSON	743	97.34	12920	10724	-17.0	12652
TODD	LONG PRAIRIE	941	94.70	24991	23363	-7.0	29053
TRAVERSE	WHEATON	575	97.37	5542	4463	-19.0	4711
WABASHA	WABASHA	537	97.12	19335	19744	2.0	22898
WADENA	WADENA	538	98.77	14192	13154	-7.0	16038
WASECA	WASECA	422	98.89	18448	18079	-2.0	21692
WASHINGTON	STILLWATER	390	91.31	113571	145896	28.0	177340 *
WATONWAN	ST. JAMES	435	98.72	12361	11682	-5.0	11086
WILKIN	BRECKENRIDGE	751	99.79	8454	7516	-11.0	8027
WINONA	WINONA	630	99.72	46256	47828	3.0	48389
WRIGHT	BUFFALO	672	85.36	58681	68710	17.0	99848
YELLOW MEDICINE	GRANITE FALLS	758	98.94	13653	11684	-14.0	12127

*** Total ***

79546

4075970

4375099

7.3

EXHIBIT "D"

Input Data For Multiple Site Systems

Site Name	Site Latitude	Site Longitude	Qty of Chann	Coverage (mi)	RRP (Db/KW)	Antenna Ht (ft)	Environment Type
* WADENA	A 46 29 7	94 58 14	4	11.00	-18.80	100.00	4
* WADENA	B 46 40 48	94 58 14	4	11.00	-18.80	100.00	4
* HUBBARD	A 46 56 29	94 54 30	4	13.00	-16.00	100.00	4
* HUBBARD	B 47 15 30	94 54 30	4	13.00	-16.00	100.00	4
* HUBBARD	C 47 6 10	94 54 30	4	13.00	-16.00	100.00	4
* HOUSTON	A 43 44 59	91 35 7	4	8.00	-23.60	100.00	4
* HOUSTON	B 43 44 59	91 23 35	4	8.00	-23.60	100.00	4
* HOUSTON	C 43 36 7	91 23 35	4	8.00	-23.60	100.00	4
* HOUSTON	D 43 36 7	91 35 7	4	8.00	-23.60	100.00	4
* WABASHA	A 44 17 33	92 2 54	4	8.00	-18.60	100.00	3
* WABASHA	B 44 12 14	92 12 12	4	8.00	-18.60	100.00	3
* WABASHA	C 44 17 20	92 25 48	4	8.00	-18.60	100.00	3
* WABASHA	D 44 21 46	92 17 23	4	8.00	-18.60	100.00	3
* DODGE	A 44 5 37	92 48 38	4	8.00	-18.60	100.00	3
* DODGE	B 44 5 37	92 54 20	4	8.00	-18.60	100.00	3
* DODGE	C 43 56 9	92 54 53	4	8.00	-18.60	100.00	3
* DODGE	D 43 56 9	92 48 22	4	8.00	-18.60	100.00	3
* STEELE	A 43 56 31	93 10 37	4	8.00	-18.60	100.00	3
* STEELE	B 43 56 31	93 16 19	4	8.00	-18.60	100.00	3
* STEELE	C 44 5 59	93 16 19	4	8.00	-18.60	100.00	3
* STEELE	D 44 5 59	93 10 53	4	8.00	-18.60	100.00	3
* RICE	A 44 17 6	93 10 53	4	8.00	-18.60	100.00	3
* RICE	B 44 22 40	93 10 53	4	8.00	-18.60	100.00	3
* RICE	C 44 26 45	93 24 2	4	8.00	-18.60	100.00	3
* RICE	D 44 16 55	93 23 45	4	8.00	-18.60	100.00	3
* WASECA	A 43 56 43	93 32 35	4	8.00	-18.60	100.00	3
* WASECA	B 43 56 43	93 37 25	4	8.00	-18.60	100.00	3
* WASECA	C 44 5 59	93 37 25	4	8.00	-18.60	100.00	3
* WASECA	D 44 5 59	93 32 35	4	8.00	-18.60	100.00	3
* ROCK	A 43 44 50	96 12 13	4	8.00	-23.60	100.00	4
* ROCK	B 43 44 50	96 18 44	4	8.00	-23.60	100.00	4
* ROCK	C 43 36 23	96 18 44	4	8.00	-23.60	100.00	4
* ROCK	D 43 36 23	96 10 55	4	8.00	-23.60	100.00	4
* LE SUEUR	A 44 26 27	93 39 46	4	8.00	-18.60	100.00	3
* LE SUEUR	B 44 26 27	93 46 56	4	8.00	-18.60	100.00	3
* LE SUEUR	C 44 19 60	93 53 7	4	8.00	-18.60	100.00	3
* LE SUEUR	D 44 17 20	93 39 27	4	8.00	-18.60	100.00	3

EXHIBIT "D" (Cont'd)

Site Name	Site Latitude	Site Longitude	Qty of Chan	Coverage (mi)	ERP (Db/KW)	Antenna Ht (ft)	Environment Type
* SCOTT	A 44 42 41	93 29 28	4	8.00	-5.20	100.00	2
* SCOTT	B 44 38 1	93 23 56	4	8.00	-5.20	100.00	2
* SCOTT	C 44 35 21	93 46 43	4	8.00	-5.20	100.00	2
* SCOTT	D 44 37 8	93 36 18	4	8.00	-5.20	100.00	2
* WATONWAN	A 43 56 33	94 29 31	4	8.00	-23.60	100.00	4
* WATONWAN	B 43 56 33	94 42 54	4	8.00	-23.60	100.00	4
* WATONWAN	C 44 0 47	94 42 54	4	8.00	-23.60	100.00	4
* WATONWAN	D 44 0 47	94 29 5	4	8.00	-23.60	100.00	4
* PIPESTONE	A 44 6 11	96 11 29	4	8.00	-23.60	100.00	4
* PIPESTONE	B 44 6 11	96 19 1	4	8.00	-23.60	100.00	4
* PIPESTONE	C 43 56 33	96 19 1	4	8.00	-23.60	100.00	4
* PIPESTONE	D 43 56 33	96 11 29	4	8.00	-23.60	100.00	4
* ISANTI	A 45 28 32	93 8 35	4	7.00	-20.50	100.00	3
* ISANTI	B 45 28 58	93 22 55	4	7.00	-20.50	100.00	3
* ISANTI	C 45 38 6	93 22 55	4	7.00	-20.50	100.00	3
* ISANTI	D 45 38 6	93 16 24	4	7.00	-20.50	100.00	3
* BENTON	A 45 42 59	93 54 0	4	8.00	-5.20	100.00	2
* BENTON	B 45 42 59	94 9 47	4	8.00	-5.20	100.00	2
* BENTON	C 45 39 39	94 5 15	4	8.00	-5.20	100.00	2
* BENTON	D 45 39 39	93 53 41	4	8.00	-5.20	100.00	2
* CARLTON	A 46 37 30	92 52 55	4	11.00	-13.80	100.00	3
* CARLTON	B 46 33 3	92 52 55	4	11.00	-13.80	100.00	3
* CARLTON	C 46 33 3	92 29 46	4	11.00	-13.80	100.00	3
* CARLTON	D 46 37 30	92 29 46	4	11.00	-13.80	100.00	3
* DOUGLAS	A 45 58 16	95 20 44	4	11.00	-18.80	100.00	4
* DOUGLAS	B 45 53 49	95 20 44	4	11.00	-18.80	100.00	4
* DOUGLAS	C 45 53 49	95 34 13	4	11.00	-18.80	100.00	4
* DOUGLAS	D 45 58 16	95 34 13	4	11.00	-18.80	100.00	4
* POPE	A 45 32 14	95 18 10	4	11.00	-18.80	100.00	4
* POPE	B 45 32 14	95 32 38	4	11.00	-18.80	100.00	4
* POPE	C 45 37 21	95 32 57	4	11.00	-18.80	100.00	4
* POPE	D 45 37 21	95 18 29	4	11.00	-18.80	100.00	4
* STEVENS	A 45 37 21	95 56 6	4	11.00	-18.80	100.00	4
* STEVENS	B 45 37 21	96 4 47	4	11.00	-18.80	100.00	4
* STEVENS	C 45 32 54	96 4 47	4	11.00	-18.80	100.00	4
* STEVENS	D 45 32 54	95 56 6	4	11.00	-18.80	100.00	4
* GRANT	A 45 52 56	95 56 6	4	11.00	-18.80	100.00	4
* GRANT	B 45 52 56	96 4 47	4	11.00	-18.80	100.00	4
* GRANT	C 45 59 36	96 4 47	4	11.00	-18.80	100.00	4

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EXHIBIT "D" (Cont'd)

Site Name	Site Latitude	Site Longitude	Qty of Chann	Coverage (mi)	ERP (Db/KW)	Antenna Ht (ft)	Environment Type
* GRANT	D 45 59 36	95 56 6	4	11.00	-18.80	100.00	4
* KITTSON	A 48 40 46	96 35 21	4	11.00	-18.80	100.00	4
* KITTSON	B 48 40 46	96 58 30	4	11.00	-18.80	100.00	4
* KITTSON	C 48 52 2	96 58 30	4	11.00	-18.80	100.00	4
* KITTSON	D 48 52 2	96 35 21	4	11.00	-18.80	100.00	4
* MAHNOHEN	A 47 23 26	95 54 54	4	8.00	-23.60	100.00	4
* MAHNOHEN	B 47 23 26	95 42 46	4	8.00	-23.60	100.00	4
* MAHNOHEN	C 47 14 7	95 42 46	4	8.00	-23.60	100.00	4
* MAHNOHEN	D 47 14 7	95 54 54	4	8.00	-23.60	100.00	4
* WINONA	A 43 56 4	91 29 21	4	8.00	-18.60	100.00	3
* WINONA	B 43 57 10	91 55 37	4	8.00	-18.60	100.00	3
* WINONA	C 43 57 10	91 41 12	4	8.00	-18.60	100.00	3
* WINONA	D 44 5 49	91 55 37	4	8.00	-18.60	100.00	3
* WINONA	E 44 1 9	91 48 49	4	8.00	-18.60	100.00	3
* BIG STONE	A 45 19 18	96 15 47	4	8.00	-23.60	100.00	4
* BIG STONE	B 45 29 9	96 22 33	4	8.00	-23.60	100.00	4
* BIG STONE	C 45 29 9	96 40 59	4	8.00	-23.60	100.00	4
* BIG STONE	D 45 29 9	96 30 51	4	8.00	-23.60	100.00	4
* BIG STONE	E 45 24 13	96 21 50	4	8.00	-23.60	100.00	4
* TRAVERSE	A 45 41 21	96 23 41	4	8.00	-23.60	100.00	4
* TRAVERSE	B 45 39 17	96 43 49	4	8.00	-23.60	100.00	4
* TRAVERSE	C 45 43 41	96 29 23	4	8.00	-23.60	100.00	4
* TRAVERSE	D 45 54 51	96 22 55	4	8.00	-23.60	100.00	4
* TRAVERSE	E 45 54 51	96 27 29	4	8.00	-23.60	100.00	4
* CLEARWATER	A 47 16 50	95 21 5	4	10.00	-20.20	100.00	4
* CLEARWATER	B 47 27 31	95 21 5	4	10.00	-20.20	100.00	4
* CLEARWATER	C 47 37 32	95 21 5	4	10.00	-20.20	100.00	4
* CLEARWATER	D 47 47 33	95 22 3	4	10.00	-20.20	100.00	4
* CLEARWATER	E 47 53 53	95 23 31	4	10.00	-20.20	100.00	4
* FILLMORE	A 43 36 20	92 18 25	4	8.00	-23.60	100.00	4
* FILLMORE	B 43 35 54	91 52 48	4	8.00	-23.60	100.00	4
* FILLMORE	C 43 35 54	92 4 20	4	8.00	-23.60	100.00	4
* FILLMORE	D 43 44 45	91 52 48	4	8.00	-23.60	100.00	4
* FILLMORE	E 43 44 45	92 4 20	4	8.00	-23.60	100.00	4
* FILLMORE	F 43 44 45	92 18 45	4	8.00	-23.60	100.00	4
* OLMSTED	A 43 56 43	92 13 1	6	8.00	-5.20	100.00	2
* OLMSTED	B 44 0 29	92 13 1	6	8.00	-5.20	100.00	2
* OLMSTED	C 44 6 2	92 26 38	6	8.00	-5.20	100.00	2
* OLMSTED	D 44 6 2	92 32 28	6	8.00	-5.20	100.00	2

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